



 **FIRST FLOOR PLAN**
SCALE: 1/8" = 1'-0"

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A REFER TO 147-M001 FOR LEGEND, ABBREVIATIONS, AND ADDITIONAL GENERAL NOTES.

B COORDINATE ALL BOILER SHUTDOWNS CLOSELY WITH THE C.O.R. FD AND ID FAN MOTOR REPLACEMENTS SHALL BE COMPLETED ONE AT A TIME WITH THE LARGE BOILER FAN MOTORS (BOILERS 1 & 2) REPLACED BETWEEN MAY 1 AND SEPTEMBER 1.

C PICTURES SHOWN ARE TYPICAL OF EACH SIZE OF BOILER (2 SIZES IN PLANT).

1. EXISTING BOILER TO REMAIN.
2. EXISTING PIPING TO REMAIN.
3. EXISTING PUMP TO REMAIN.
4. NATURAL GAS SUPPLY PIPING FROM ABOVE.
5. BOILER FEEDWATER PIPING UP TO SECOND FLOOR.
6. COMBUSTION AIR INTAKE DUCTWORK FROM ABOVE.
7. EXISTING BOILER MASTER AND SUBMASTER CONTROL SYSTEMS TO REMAIN. INTEGRATE NEW FD FAN VOLUME AND IN FAN VOLUME CONTROL FUNCTIONS INTO EXISTING SYSTEM. COORDINATE REQUIREMENTS WITH C.O.R. COORDINATE ALL CONTROL WORK CLOSELY WITH HVAC/BLEED CONTROL TECHNICIAN.
8. REMOVE EXISTING ELECTRIC BLOWDOWN VALVE, CONDUCTIVITY PROBE, AND ASSOCIATED WIRING. CONTROL S.D. REPLACEMENT IN NEW WORK.
9. REMOVE EXISTING CONDUCTIVITY PROBE.
10. REMOVE EXISTING BURNER FORCED DRAFT FAN MOTOR. REFER TO PICTURES ON THIS SHEET FOR MORE DETAILED INFORMATION.
11. FUEL OIL SUPPLY PIPING FROM ABOVE.
12. PROPANE SUPPLY PIPING FROM ABOVE.
13. EXISTING DUPLEX WATER SOFTENER.
14. HIGH PRESSURE STEAM (100) PIPING FROM ABOVE.

100% SUBMITTAL

		CONSULTANTS:		PROJECT NO. 2012-04027  FIRM LICENSE NO. 01528		ARCHITECT/ENGINEERS:  Heapy Engineering Mechanical Electrical Commissioning Technology <i>Nationally Recognized Leader in Sustainability / LEED</i> 1400 W Dorothy Lane, Dayton OH 45409-1310 Ph: 937-224-0861 Fax: 937-224-5777 www.heapy.com		Drawing Title FIRST FLOOR - REMOVALS Approved: CHIEF ENGINEER		Project Title Modernize Boiler Plant B-147 Location Dayton, Ohio Date 12/06/2012 Checked DLE Drawn PCW		Project No. VA Project No. 552-13-305 Heapy Project No. 2012-04027 Building Number 147 Drawing Number 147-MD101 Dwg. of		Office of Construction and Facilities Management  Department of Veterans Affairs	
Revisions		Date													